

CLAIMS

1. A measuring device for immunochromatographic test strip, arranged to irradiate measurement light onto an immunochromatographic test strip and to measure light from the immunochromatographic test strip, the measuring device comprising:

a photodiode for receiving the light from the immunochromatographic test strip; and

a light shielding member provided between the immunochromatographic test strip and the photodiode, and having a plurality of light paths for guiding part of the light from the immunochromatographic test strip to the photodiode,

wherein the plurality of light paths are juxtaposed along a direction in which a colored portion of line shape formed on the immunochromatographic test strip extends.

2. The measuring device for immunochromatographic test strip according to Claim 1, wherein a width of the light paths is not more than a width of the colored portion of line shape.

3. The measuring device for immunochromatographic test strip according to Claim 1, wherein the light paths are hole portions formed in the light shielding member.

4. The measuring device for immunochromatographic test strip according to Claim 3, wherein an inside diameter of the hole portions is not more than a width of the colored portion of line shape.

5. The measuring device for immunochromatographic test strip according to any one of Claims 1 to 4, wherein the number of said photodiode is set to be not less than 1 and not more than the number of

said light paths.

5 6. The measuring device for immunochromatographic test strip according to any one of Claims 1 to 5, wherein the light from the immunochromatographic test strip is reflected light of the measurement light irradiated onto the immunochromatographic test strip.

10 7. The measuring device for immunochromatographic test strip according to any one of Claims 1 to 5, wherein the light from the immunochromatographic test strip is transmitted light of the measurement light irradiated onto the immunochromatographic test strip.

15 8. The measuring device for immunochromatographic test strip according to any one of Claims 1 to 7, wherein the immunochromatographic test strip is moved relative to a detection optical system including the photodiode and the light paths, in parallel with a moving direction of an antigen or antibody on the immunochromatographic test strip.

20 9. The measuring device for immunochromatographic test strip according to any one of Claims 1 to 8, wherein a plurality of detection optical systems each including the photodiode and the light paths are juxtaposed.

10. A measuring device for immunochromatographic test strip comprising:

a table on which an immunochromatographic test strip is to be mounted;

25 a light emitting diode for emitting light toward the table;

a photodiode for receiving light coming from the table; and

a light shielding member disposed between the table and the photodiode,

wherein the light emitting diode and the photodiode move relative to the table in a predetermined direction, and

- 5 wherein a plurality of light paths penetrating the light shielding member from the table side to the photodiode side are formed in juxtaposition in a direction intersecting with the predetermined direction, in the light shielding member.